

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
 Organization  
 International Bureau



(43) International Publication Date  
 5 February 2004 (05.02.2004)

PCT

(10) International Publication Number  
**WO 2004/012454 A1**

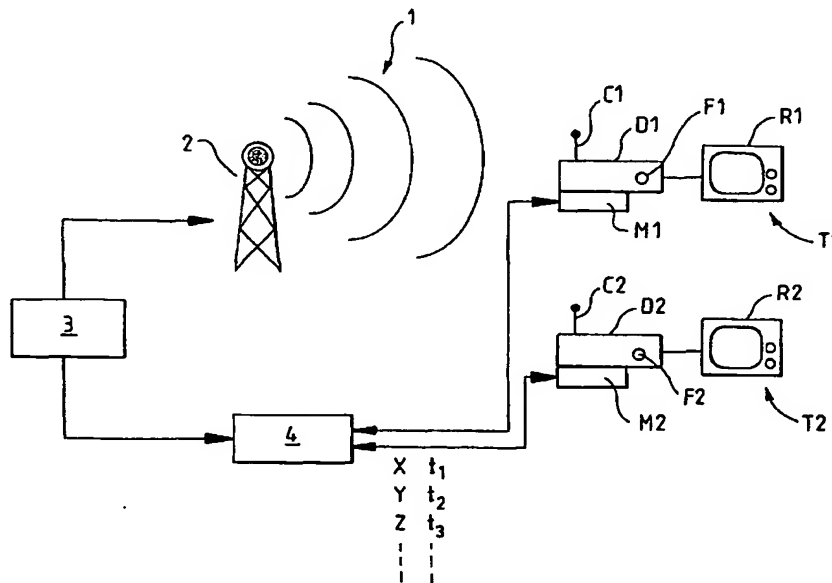
- (51) International Patent Classification<sup>7</sup>: **H04N 7/16**
- (21) International Application Number:  
 PCT/EP2003/050319
- (22) International Filing Date: 18 July 2003 (18.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
 0209361 24 July 2002 (24.07.2002) FR
- (71) Applicant (for all designated States except US): **THOMSON LICENSING S.A.** [FR/FR]; 46 quai A. Le Gallo, F-92100 BOULOGNE (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BORDES, Philippe** [FR/FR]; 6, impasse des coquelicots, F-35890 LAILLE (FR). **GUILLOT, Philippe** [FR/FR]; 60 rue de Châteaubriant, F-35770 VERN SUR SEICHE (FR). **FRANCOIS, Edouard** [FR/FR]; 18 Allée du Locar, F-35890 Bourg des Comptes (FR).
- (74) Agent: **KERBER, Thierry; THOMSON**, European Patent Operations, 46, quai Alphonse le Gallo, F-92648 Boulogne (FR).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

- as to the identity of the inventor (Rule 4.17(i)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

[Continued on next page]

(54) Title: METHOD OF DISTRIBUTING ENCRYPTED PORTIONS OF AN AUDIOVISUAL PROGRAMME



(57) Abstract: The method of distributing encrypted portions of an audiovisual programme to user terminals (T1, T2), in which the successive portions of the programme are encrypted with the aid of different keys, consists, on initiation, from a user terminal, of a telephone communication with a call centre (4), in transmitting in sequence from this call centre and during the telephone communication the keys to the user terminal, doing so in a manner synchronized with the distribution of the successive encrypted portions of the programme.